

## CLAIMS

What is claimed is:

- 1           1. A method for preserving data on a portable apparatus having a  
2 limited power source comprising:  
3           detecting that power available in said power source has reached a  
4 threshold value; and  
5           saving data stored in volatile memory on said portable apparatus to a  
6 server responsive to said threshold value being reached.
- 1           2. The method as claimed in claim 1 further comprising:  
2 warning said user that any subsequent data entry is at risk of being lost.
- 1           3. The method as in claim 1 further comprising:  
2 sending a battery to a user of portable apparatus when power available in  
3 said power source has reached a second threshold value.
- 1           4. The method as in claim 3 wherein said second threshold value is less  
2 than said first threshold value.
- 1           5. The method as in claim 1 further comprising:  
2 restoring said data to said portable apparatus after said power supply  
3 rises above said threshold value.
- 1           6. The method as in claim 1 wherein saving further comprises:  
2 saving all data stored in volatile memory to said server.
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7. The method as in claim 1 wherein saving comprises:  
only saving unrecoverable data to said server.

8. An apparatus comprising:  
power level detection logic to detect when power available in a power  
source has reached a threshold value; and  
data preservation logic to save data stored in volatile memory on said  
portable apparatus to a server.

9. The apparatus as claimed in claim 8 further comprising:  
logic to warn said user that any subsequent data entry is at risk of being  
lost.

10. The method as in claim 1 wherein said power further comprising:  
sending a battery to a user of portable apparatus when power available in  
said power source has reached a second threshold value.

11. The method as in claim 3 wherein said second threshold value is less  
than said first threshold value.

12. The method as in claim 1 further comprising:  
restoring said data to said portable apparatus after said power supply  
rises above said threshold value.

13. The method as in claim 1 wherein saving further comprises:  
saving all data stored in volatile memory to said server.

1 14. The method as in claim 1 wherein saving comprises:  
2 only saving unrecoverable data to said server.

1 15. A portable data processing apparatus comprising:  
2 power detection logic to detect that power available in a power source has  
3 reached a threshold value; and  
4 saving data stored in volatile memory on said portable data processing  
5 apparatus to a server in response to said power detection logic detecting that  
6 power available in said power source has reached said threshold value.

1 16. The apparatus as claimed in claim 15 further comprising:  
2 warning logic to warn said user that any subsequent data entry is at risk  
3 of being lost.

1 17. The apparatus as in claim 15 further comprising:  
2 data restoration logic to restore said data to said portable apparatus after  
3 said power supply rises above said threshold value.

1 18. An article of manufacture including program code which, when  
2 executed by a machine, cause said machine to perform the operations of:  
3 detecting that power available in a power source of said machine has  
4 reached a threshold value; and  
5 saving data stored in volatile memory on said machine to a server  
6 responsive to said threshold value being reached.

1 19  
1 20. The article of manufacture as claimed in claim 18 including additional  
2 program to cause said machine to perform the operations of:

